Figure 1

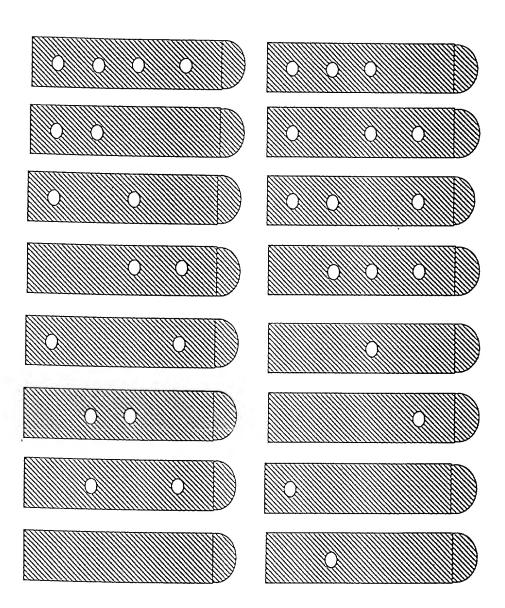


Figure 2

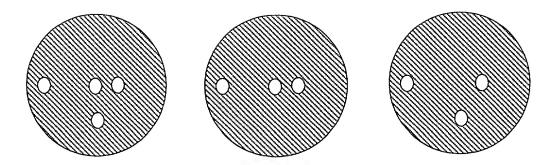
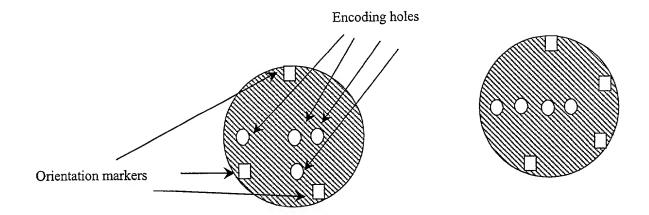


Figure 3



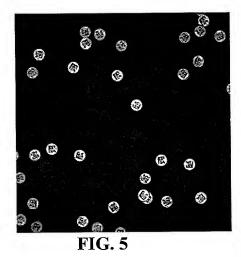


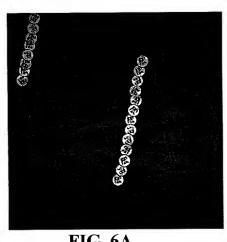




SiO₂ Nickel

FIG. 4B







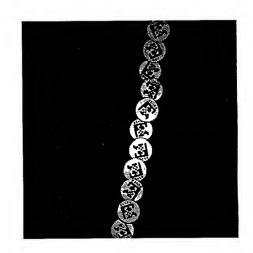


FIG. 6B



FIG. 7

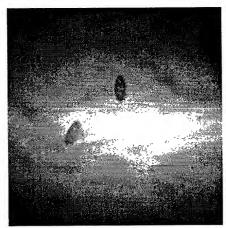


FIG. 8A

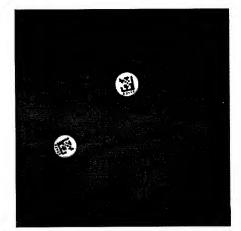


FIG. 8B

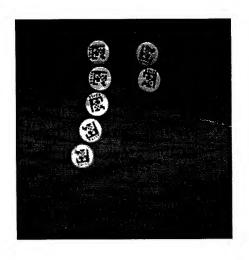
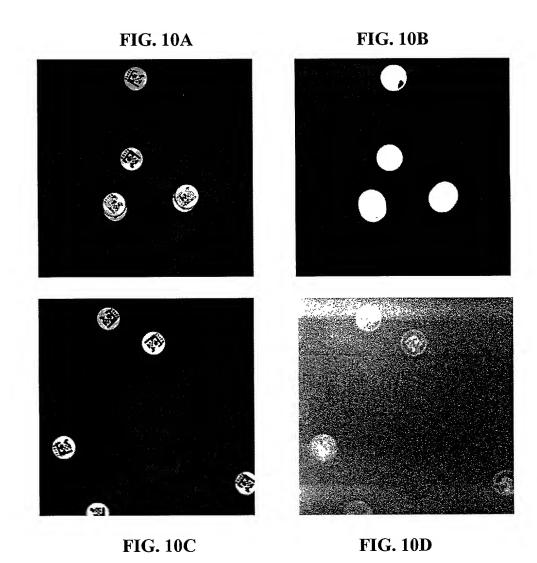


FIG. 9



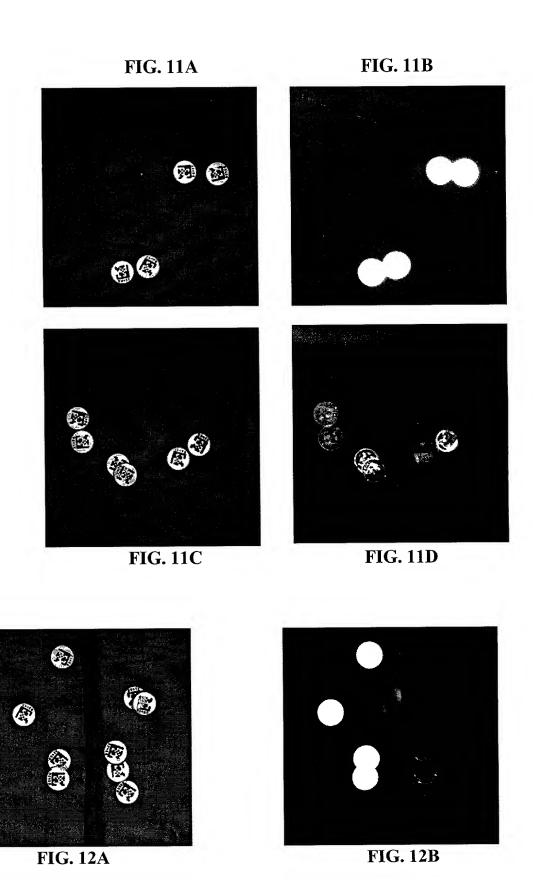
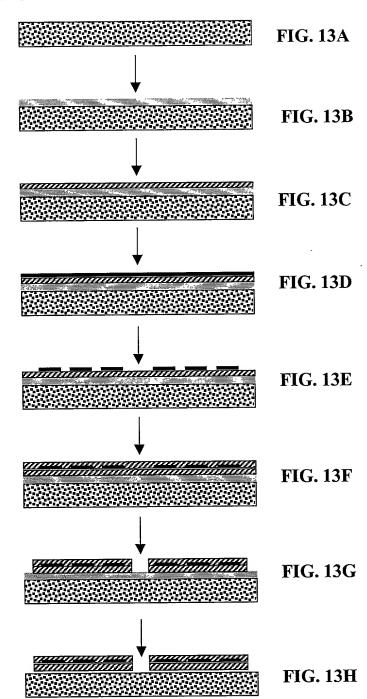
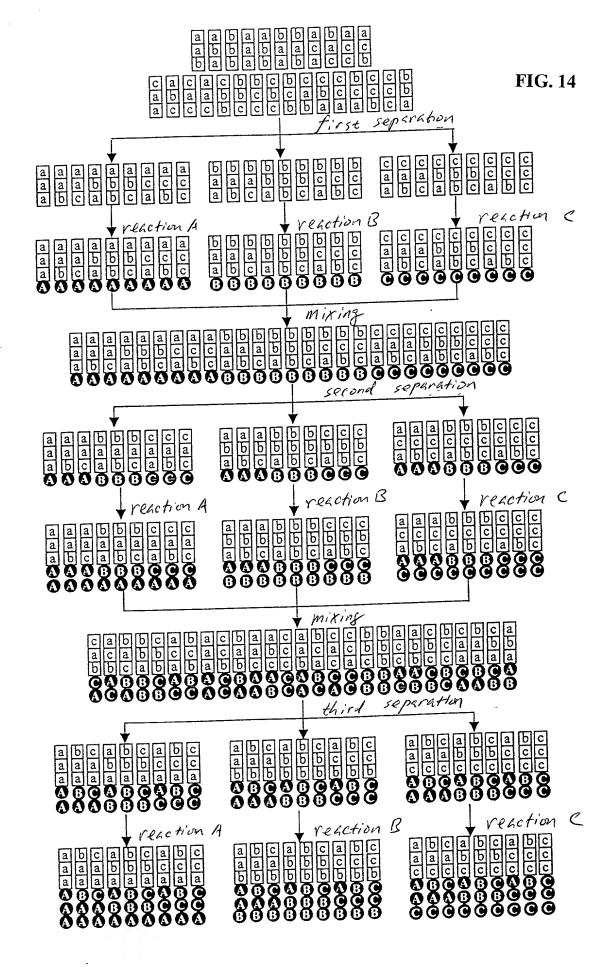
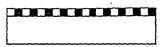


FIG. 13

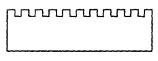






(A)

FIG. 15



(B)



(C)

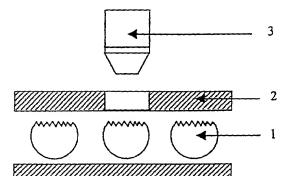


FIG. 16

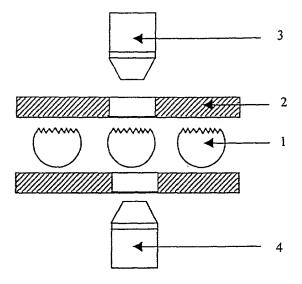


FIG. 17